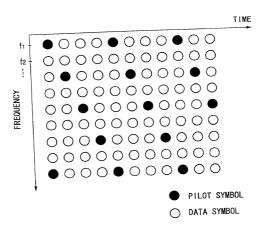
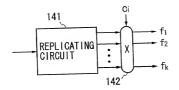
FIG. 1



GUARD-INTERVAL INSERTION AMPL IF I ER LOW-PASS FILTER ANTENNA FE(FE 5 1. . . COMBINING PART 2 100 (n) **FIG.2** SPREADING MODULATION PART SPREADING MODULATION PART 14 (m) 14(1) SERIAL-TO-PARALLEL
CONVERTING
PART
(VARIABLE
RATE PART) 2 CHANNEL ENCODER 12 TRANSMISSION-RATE SPECIFYING CONTROL TRANSMITTING DATA GENERATING PART

FIG.3



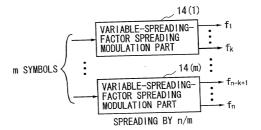


FIG.5A

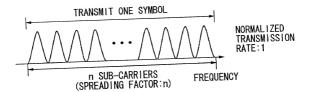


FIG.5B

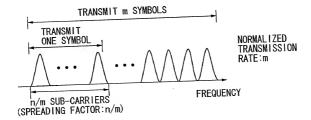


FIG. 6A

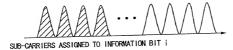
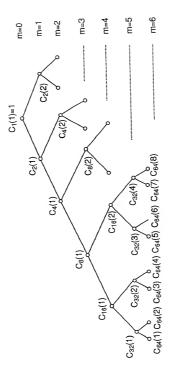


FIG. 6B



SUB-CARRIERS ASSIGNED TO INFORMATION BIT i



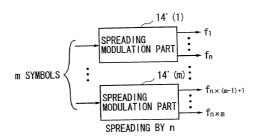


FIG.9A

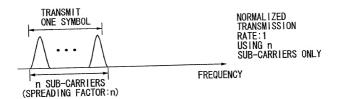
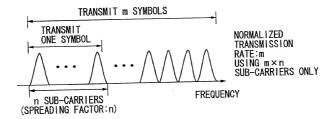


FIG.9B



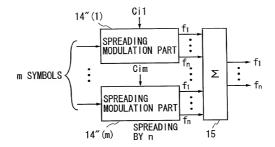


FIG.11A

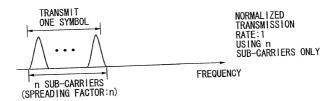


FIG.11B

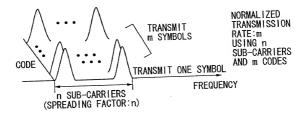
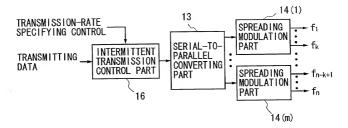
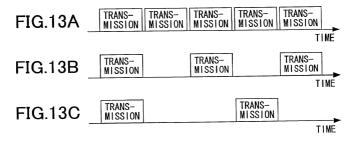
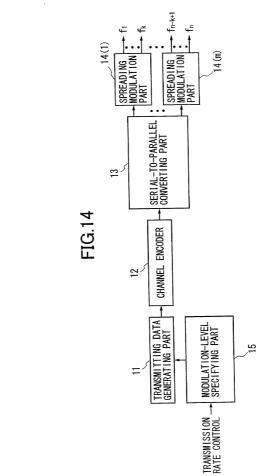


FIG.12



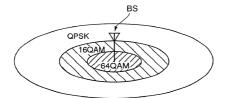




CHIPSTEIN CHARLE

:

FIG. 15



THE PERSONAL PROPERTY

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FIG. 16

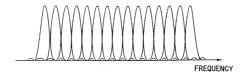


FIG. 17



*

FIG.18

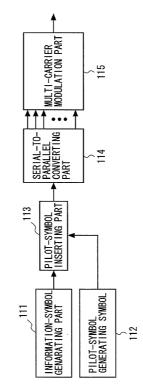
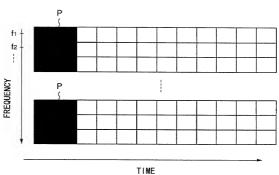


FIG. 19



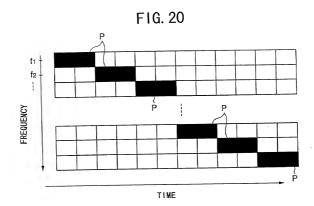
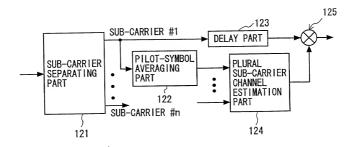
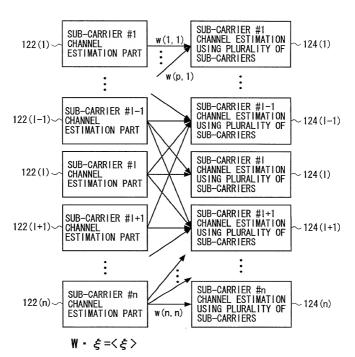


FIG.21





W: WEIGHTING VECTOR

€ : CHANNEL ESTIMATION VALUES OBTAINED FROM RESPECTIVE

SUB-CARRIERS

 $\langle \xi \rangle$: CHANNEL ESTIMATION VALUES FOR RESPECTIVE SUB-CARRIERS

OBTAINED THROUGH WEIGHTING AVERAGING

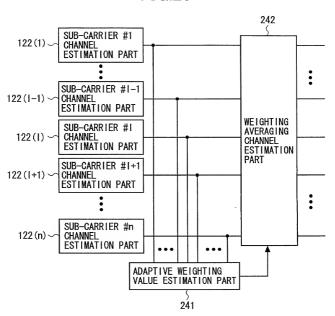


FIG.24

